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EXAMINER	
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/829,503	MOHAMMED ET AL.	
	Examiner	Art Unit	
	RYAN J. JAKOVAC	4121	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *22 April 2004*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-51* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-51* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on _____ is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08). Paper No(s)/Mail Date *01/02/2008,08/06/2007,05/17/2004,04/22/204*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Claims 1-51 are pending.

Claims 1-51 are rejected.

Claim Objections

1. Claims 2-16, 18-34, 36-42, and 44-51 are objected to because of the following informalities: A dependant claim should read, for example "The system/method/etc as recited in claim...," instead of "A system/method/etc as recited in claim...". Appropriate correction is required.

Claim Rejections - 35 USC § 102

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-14, 17-23, 26-28, 30-39, and 41-51 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S. 6,389,467 to Eyal.

Regarding claim 1, Eyal teaches a method comprising: selecting a first object operable to access data from a location specified by a uniform resource locator (URL) based of a scheme of the URL (Col. 2, line 5-26, The network enabled device accesses the media resource at the address. (The address is an URL, see "links", Col. 3, line 45-65, and Col. 12, line 1-10).); and selecting a second object operable to read media

content of a given type from the location specified by the URL based on data acquired using the first object (Col. 2, line 5-26, The media playback component loads the media.).

Regarding claim 2, Eyal teaches a method as recited in claim 1, wherein the selection of the second object is additionally based on information contained in the URL indicating a type of the multimedia data (Col. 2, line 35-43, The media playback component uses the addresses (i.e. URLs) to access and play back media associated with the address.).

Regarding claim 3, Eyal teaches a method as recited in claim 1, wherein the selection of the second object is additionally based Multipurpose Internet Mail Extensions MIME data (The addresses accessed by the media playback component are disclosed in Col. 12, line 13-35 to have a MIME extension. Col. 2, line 35-43, The media playback component uses the addresses (i.e. URLs) to access and play back media associated with the address.).

Regarding claim 4, Eyal teaches a method as recited in claim 1, wherein the first object is a byte stream object (Col. 2, line 5-26, The network enabled device accesses the media resource at the address.).

Regarding claim 5, Eyal teaches a method as recited in claim 1, wherein the second object is a source object (Col. 2, line 5-26, The media playback component loads the media.).

Regarding claim 6, Eyal teaches a method as recited in claim 1, wherein the first object is a byte stream object (Col. 2, line 5-26, The network enabled device accesses the media resource at the address.) and the second object is a source object (Col. 2, line 5-26, The media playback component loads the media.).

Regarding claim 7, Eyal teaches a method as recited in claim 1, wherein the first object is produced using a scheme handler (Col. 2, line 5-26, The network server module coupled to the network enabled device selects an address and signals the address to the network enabled device and the media playback component.).

Regarding claim 8, Eyal teaches a method as recited in claim 1, wherein the second object is produced using a byte stream handler (Col. 2, line 5-26, The media playback component loads the media. Col. 2, line 30-43, The media playback component plays back the media resource.).

Regarding claim 9, Eyal teaches a method as recited in claim 1, wherein the first object is produced by a scheme handler (Col. 2, line 5-26, The network server module coupled to the network enabled device selects an address and signals the address to

the network enabled device and the media playback component.) and the second object is produced by a byte stream handler (Col. 2, line 5-26, The media playback component loads the media. Col. 2, line 30-43, The media playback component plays back the media resource.).

Regarding claim 10, Eyal teaches a method as recited in claim 1, wherein the first object is produced using a scheme handler selected from a list of two or more scheme handlers (Col. 2, line 5-26, The network server module coupled to the network enabled device selects an address from a plurality of links (see Col. 3, line 50-60) and signals the address to the network enabled device and the media playback component.).

Regarding claim 11, Eyal teaches a method as recited in claim 1, wherein the second object is produced using a byte stream handler selected from a list of two or more byte stream handlers (Col. 12, line 35-65, Multiple types of metadata are extracted from the medial links and the actual media file.).

Regarding claim 12, Eyal teaches a method as recited in claim 1, wherein the first object is produced using a scheme handler selected from a list of two or more scheme handlers (Col. 2, line 5-26, The network server module coupled to the network enabled device selects an address from a plurality of links (see Col. 3, line 50-60) and signals the address to the network enabled device and the media playback component.)

and the second object is produced using a byte stream handler selected from a list of two or more byte stream handlers (Col. 12, line 35-65, Multiple types of metadata are extracted from the medial links and the actual media file.).

Regarding claim 13, Eyal teaches a method as recited in claim 1, further comprising accessing the multimedia data using the source object (Col. 2, line 35-45, The media playback component on the network enabled device accesses and plays the media resource (i.e. multimedia data)).

Regarding claim 14, Eyal teaches method as recited in claim 1, teaches wherein the second object is produced using a byte stream handler selected from a list of byte stream handlers and wherein each byte stream handler in the list has a selection value associated therewith (Col. 12, line 35-65, Multiple types of metadata are extracted from the medial links and the actual media file. The types (i.e. selection values) associated with each media link are disclosed in Col. 12, line 35-65.).

Regarding claim 17, Eyal teaches a computer-readable medium including computer-executable instructions for performing operations comprising:

determining a scheme of a uniform resource locator (URL) specifying a location of media content (Col. 2, line 5-26, The network enabled device accesses the media resource at the address (i.e. determines the scheme) which specifies the location of the media content. (The address is an URL, see "links", Col. 3, line 45-65, and Col. 12, line

1-10).); using the scheme to produce a byte stream object that generates a byte stream from the media content; and using at least a portion of the byte stream to produce a source object that accesses the media content (Col. 2, line 5-43, The network server module coupled to the signals the addresses to the network enabled device. The media playback component uses the addresses (i.e. URLs) to access and play back (i.e. byte stream) media associated with the address.).

Regarding claim 18, Eyal teaches a computer-readable medium as recited in claim 17, wherein the operation of using the byte stream additionally includes using a file extension indicated in the URL to select the source object (Col. 12, line 1-27, The media links (i.e. URLs) identify web resources having media content. The resources included files with different extensions that distinguish the different sorts of media (i.e. MOV, JPEG, etc.)).

Regarding claim 19, Eyal teaches a computer-readable medium as recited in claim 17, wherein the operation of producing a byte stream object includes choosing a scheme handler and using the chosen scheme handler to produce the byte stream object (Col. 2, line 5-26, The network server module coupled to the network enabled device selects an address from a plurality of links (see Col. 3, line 50-60) and signals the address to the network enabled device and the media playback component. Col. 2, line 35-45, The media component accesses and plays back the media.).

Regarding claim 20, Eyal teaches a computer-readable medium as recited in claim 17, wherein the operation of producing a byte stream object includes choosing a scheme handler from a list of scheme handlers and using the chosen scheme handler to produce the byte stream object (Col. 2, line 5-26, The network server module coupled to the network enabled device selects an address from a plurality of links (see Col. 3, line 50-60) and signals the address to the network enabled device and the media playback component. Col. 2, line 35-45, The media component accesses and plays back the media. Col. 1 line 60-Col. 2, line 8 discloses the network enabled device accessing addresses pointing to media (i.e. URLs) in a database.).

Regarding claim 21, Eyal teaches a computer-readable medium as recited in claim 17, wherein the operation of producing a source object includes choosing a byte stream handler and using the chosen byte stream handler to produce the source object (Col. 2, line 35-43, The media playback component uses the addresses (i.e. URLs) to access and play back media associated with the address.).

Regarding claim 22, Eyal teaches a computer-readable medium as recited in claim 17, wherein the operation of producing a source object includes choosing a byte stream handler from a list of byte stream handlers and using the chosen byte stream handler to produce the source object (Col. 2, line 35-43, The media playback component uses the addresses (i.e. URLs) to access and play back media associated with the address.).

Regarding claim 23, Eyal teaches a computer-readable medium as recited in claim 17, wherein the operation of producing a source object includes choosing a byte stream handler from a list of byte stream handlers and using the chosen byte stream handler to produce the source object and wherein the list of byte stream handlers is ordered based on a selection values associated with the byte stream handlers (Col. 2, line 35-43, The media playback component uses the addresses (i.e. URLs) to access and play back media associated with the address.).

Regarding claim 26, Eyal teaches a computer-readable medium as recited in claim 17, wherein the operation of producing a source object includes using a look-up process to select a subset of byte stream handlers from a set of byte stream handlers and using one of the subset of byte stream handlers to produce the source object (Col. 2, line 5-26, The network server module coupled to the network enabled device selects an address from a plurality of links (see Col. 3, line 50-60) and signals the address to the network enabled device and the media playback component. Col. 2, line 35-45, The media component accesses and plays back the media. Col. 1 line 60-Col. 2, line 8 discloses the network enabled device accessing addresses pointing to media (i.e. URLs) in a database.).

Regarding claim 27, Eyal teaches a computer-readable medium as recited in claim 17, wherein the operation of producing a source object includes using a look-up

process to: select a number of byte stream handlers; and invoke the selected byte stream handlers one at a time until a byte stream handler produces a source object (Col. 2, line 5-26, The network server module coupled to the network enabled device selects an address from a plurality of links (see Col. 3, line 50-60) and signals the address to the network enabled device and the media playback component. Col. 2, line 35-45, The media component accesses and plays back the media. Col. 1 line 60-Col. 2, line 8 discloses the network enabled device accessing addresses pointing to media (i.e. URLs) in a database.).

Regarding claim 28, Eyal teaches a computer-readable medium as recited in claim 17, wherein the operation of producing a source object includes using a look-up process to: select a number of byte stream handlers; and invoke the selected byte stream handlers one at a time in a predetermined order until a byte stream handler produces a source object (Col. 2, line 5-26, The network server module coupled to the network enabled device selects an address from a plurality of links (see Col. 3, line 50-60) and signals the address to the network enabled device and the media playback component. Col. 2, line 35-45, The media component accesses and plays back the media. Col. 1 line 60-Col. 2, line 8 discloses the network enabled device accessing addresses pointing to media (i.e. URLs) in a database.).

Regarding claim 30, Eyal teaches a computer-readable medium as recited in claim 17, wherein the operation of producing a source object includes using a look-up

process to: select a number of byte stream handlers; compiling a first list of byte stream handlers, each of the byte stream handlers in the first list being associated with the type of the media content; compiling a second list of byte stream handlers, each of the byte stream handlers in the second list not being associated with the type of the media content; invoke the byte stream handlers in the first list one at a time until either a byte stream handler in the first list produces a source object or until all byte stream handlers in the first list have been invoked without producing a source object; and if all byte stream handlers in the first list have been invoked and none of the invoked byte stream handler from the first list produced a source object, invoking each of the byte stream handlers in the second list one at a time until either a either a byte stream handler from the second list produces a source object or until all byte stream handlers in the second list have invoked without producing a source object.

Regarding claim 31, Eyal teaches a computer-readable medium as recited in claim 17, wherein the operation of producing a source object includes using a look-up process to: select a number of byte stream handlers; compiling a first list of byte stream handlers, each of the byte stream handlers in the first list being associated with the type of the media content, the byte stream handlers in the first list being ordered according to cost values associated with the byte stream handlers in the first list; compiling a second list of byte stream handlers, each of the byte stream handlers in the second list not being associated with the type of the media content; invoke the byte stream handlers in the first list one at a time in order until either a byte stream handler in the first list

produces a source object or until all byte stream handlers in the first list have been invoked without producing a source object; and if all byte stream handlers in the first list have been invoked and none of the invoked byte stream handler from the first list produced a source object, invoking each of the byte stream handlers in the second list one at a time until either a either a byte stream handler from the second list produces a source object or until all byte stream handlers in the second list have invoked without producing a source object (Col. 12, line 30-67, Multiple lists of media links are compiled including multiple types of metadata are extracted including type and description information. Col. 13, line 5-25, The playback interface causes the media player component on the user terminal to play media associated with the media links in each play-list. The playback interface skips between media and playlists allowing the player to cycle between media resources.).

Regarding claim 32, Eyal teaches a computer-readable medium as recited in claim 17, wherein the operation of producing a byte stream object includes using a look-up process to: select a number of scheme handlers; and invoke the scheme handlers in the list one at a time until a scheme handler produces a byte stream object (Col. 2, line 5-26, The network server module coupled to the network enabled device selects an address from a plurality of links (see Col. 3, line 50-60) and signals the address to the network enabled device and the media playback component. Col. 2, line 35-45, The media component accesses and plays back the media. Col. 1 line 60-Col. 2, line 8

discloses the network enabled device accessing addresses pointing to media (i.e. URLs) in a database.).

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Regarding claim 33, Eyal teaches a computer-readable medium as recited in claim 17, wherein the operation of producing a byte stream object includes using a look-up process to: select a number of scheme handlers; and invoke the scheme handlers in the list one at a time in a predetermined order until a scheme handler produces a byte stream object (Col. 2, line 5-26, The network server module coupled to the network enabled device selects an address from a plurality of links (see Col. 3, line 50-60) and signals the address to the network enabled device and the media playback component. Col. 2, line 35-45, The media component accesses and plays back the media. Col. 1 line 60-Col. 2, line 8 discloses the network enabled device accessing addresses pointing to media (i.e. URLs) in a database.).

Regarding claim 34, Eyal teaches a computer-readable medium as recited in claim 17, wherein the operation of producing a source object includes using a look-up process to: select a number of scheme handlers; compiling a list of scheme handlers, each of the scheme handlers in the list of scheme handlers being associated with the scheme of the URL; invoke the scheme handlers in the list of scheme handlers one at a time until either a byte stream object is produced, a source object is produced, or all scheme handlers in the list of scheme handlers have been invoked and neither a byte

stream object nor a source object have been produced; if either a source object or a byte stream object has been produced, determining if an application has requested a source object; if an application has requested a source object, returning the source object to the application; and if the application has not requested a source object, compiling a list of byte stream handlers, and invoking the byte stream handlers in the first list one at a time until either a byte stream handler in the list produces a source object or until all byte stream handlers in the first list have been invoked without producing a source object (In response to a request (see Col. 1, line 60-67 and Col. 3, line 60-65), the network server module coupled to the network enabled device selects an address from a plurality of links (Col. 2, line 5-26, see also Col. 3, line 50-60) and signals the address to the network enabled device and the media playback component. Col. 2, line 35-45, The media component accesses and plays back the media. Col. 1 line 60-Col. 2, line 8 discloses the network enabled device accessing addresses pointing to media (i.e. URLs) in a database.).

Regarding claim 35, Eyal teaches a computerized system including: an object selection module operable to: determine a scheme of a uniform resource locator (URL) specifying a location of media content (Col. 2, line 5-26, The network enabled device accesses the media resource at the address. (The address is an URL specifying the location of media content, see "links", Col. 3, line 45-65, and Col. 12, line 1-10).); use the scheme to produce a byte stream object that generates a byte stream from the media content; and use a portion of the byte stream to produce a source object that

accesses the media content (Col. 2, line 5-26, The network server module coupled to the network enabled device selects an address from a plurality of links (see Col. 3, line 50-60) and signals the address to the network enabled device and the media playback component. Col. 2, line 35-45, The media component accesses and plays back the media.).

Regarding claim 36, Eyal teaches a computerized system as recited in claim 35, wherein the byte stream object is produced using a scheme handler (Col. 2, line 5-26, The network server module coupled to the network enabled device selects an address from a plurality of links (see Col. 3, line 50-60) and signals the address to the network enabled device and the media playback component.).

Regarding claim 37, Eyal teaches a computerized system as recited in claim 35, wherein the source object is produced using a byte stream handler (Col. 2, line 35-45, The media component accesses and plays back the media.).

Regarding claim 38, Eyal teaches a computerized system as recited in claim 35, wherein the byte stream object is produced using a scheme handler that is selected from a list of scheme handlers, the list being selected based on the scheme of the URL (Col. 2, line 5-26, The network server module coupled to the network enabled device selects an address from a plurality of links (see Col. 3, line 50-60) and signals the address to the network enabled device and the media playback component.).

Regarding claim 39, Eyal teaches a computerized system as recited in claim 35, wherein the source object is produced using a byte stream handler that is selected from a list of byte stream handlers, the list being selected based on a byte stream generated from data at the location indicated by the URL and a portion of the URL (Col. 2, line 5-26, The network server module coupled to the network enabled device selects an address from a plurality of links (see Col. 3, line 50-60) and signals the address to the network enabled device and the media playback component. Col. 2, line 35-45, The media component accesses and plays back the media.).

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Regarding claim 41, Eyal teaches a computerized system as recited in claim 35, wherein the operation of producing a source object includes using a look-up process to: select a number of byte stream handlers; and invoke the selected byte stream handlers one at a time until a byte stream handler produces a source object (Col. 2, line 35-45, The media component accesses and plays back the media.).

Regarding claim 42, Eyal teaches a computerized system as recited in claim 35, wherein the operation of producing a byte stream object includes using a look-up process to: select a number of scheme handlers; and invoke the scheme handlers in the list one at a time until a scheme handler produces a byte stream object (Col. 2, line 5-26, The network server module coupled to the network enabled device selects an

address from a plurality of links (see Col. 3, line 50-60) and signals the address to the network enabled device and the media playback component.).

Regarding claim 43, Eyal teaches a system comprising: means for selecting a scheme handler based on a scheme of a uniform resource locator (URL) specifying a location of media content (Col. 2, line 5-26, The network enabled device accesses the media resource at the address. (The address is an URL specifying the location of media content, see "links", Col. 3, line 45-65, and Col. 12, line 1-10).), the scheme handler producing a byte stream object operable to read data from the location pointed to by the URL and produce byte stream from the read data (Col. 2, line 5-26, The network server module coupled to the network enabled device selects an address from a plurality of links (see Col. 3, line 50-60) and signals the address to the network enabled device and the media playback component. Col. 2, line 35-45, The media component accesses and plays back the media.); and means for selecting a byte stream handler based on a type of the media content, the byte stream handler producing a source object operable to read the media content (Col. 12, line 1-27, The media links (i.e. URLs) identify web resources having media content. The resources included files with different extensions that distinguish the different sorts of media (i.e. MOV, JPEG, etc.). Col. 2, line 5-26, The network server module accesses these resources. Col. 2, line 35-45, The media component accesses and plays back the media.).

Regarding claim 44, Eyal teaches a system as defined in claim 43, further comprising a lookup means for producing a list of scheme handlers, wherein the means for selecting the scheme handler selects the scheme handler from the list of scheme handlers (Col. 2, line 5-26, The network server module coupled to the network enabled device selects an address from a plurality of links (see Col. 3, line 50-60) and signals the address to the network enabled device and the media playback component.).

Regarding claim 45, Eyal teaches a system as defined in claim 43, further comprising a lookup means for producing a list of byte stream handlers, wherein the means for selecting the byte stream handler selects the byte stream handler from the list of byte stream handlers (Col. 2, line 5-26, The network server module accesses these media resources at the media resource links. Col. 2, line 35-45, The media component accesses and plays back the media.).

Regarding claim 46, Eyal teaches a system as defined in claim 43, wherein the means for selecting a scheme handler selects the scheme handler in response to a request from an application (Col. 2, line 25-43, The network server receives a request for media playback from the network enabled device and selects addresses from the database (i.e. scheme handler).).

Regarding claim 47, Eyal teaches a system as defined in claim 43, wherein the means for selecting a byte stream handler selects the byte stream handler in response

to a request from an application (Col. 2, line 25-43, The network server receives a request for media playback from the network enabled device and selects addresses from the database (i.e. scheme handler).).

Regarding claim 48, Eyal teaches a system as defined in claim 43, wherein the source object produced by the byte stream handler is employed as component in a multi-component media processing pipeline (Col. 2, line 5-26, The network server module coupled to the network enabled device selects an address from a plurality of links (see Col. 3, line 50-60) and signals the address to the network enabled device and the media playback component. Col. 2, line 35-45, The media component accesses and plays back the media.).

Regarding claim 49, Eyal teaches a system as defined in claim 43, wherein the source object produced by the byte stream handler is employed as component in a multi-component media processing pipeline in a media engine (Col. 2, line 5-26, The network server module coupled to the network enabled device selects an address from a plurality of links (see Col. 3, line 50-60) and signals the address to the network enabled device and the media playback component. Col. 2, line 35-45, The media component accesses and plays back the media.).

Regarding claim 50, Eyal teaches a system as defined in claim 43, wherein the means for selecting a scheme handler selects the scheme handler in response to a

request from an application (Col. 2, line 25-43, The network server receives a request for media playback from the network enabled device and selects addresses from the database (i.e. scheme handler).) and wherein the source object produced by the byte stream handler is employed as component in a multi-component media processing pipeline in a media processing module that is an operational module in a operating system (Col. 2, line 5-26, The network server module coupled to the network enabled device selects an address from a plurality of links (see Col. 3, line 50-60) and signals the address to the network enabled device and the media playback component. Col. 2, line 35-45, The media component accesses and plays back the media.).

Regarding claim 51, Eyal teaches a system as defined in claim 43, wherein the means for selecting a byte stream handler employs a lookup module (Col. 2, line 5-26, The network server module coupled to the network enabled device selects an address from a plurality of links (see Col. 3, line 50-60) and signals the address to the network enabled device and the media playback component.).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

3. Claims 15, 16, 24, 25, 29, and 40 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. 2003/0236906 to Klemets et al (hereinafter Klemets).

Regarding claim 15, Eyal teaches a method as recited in claim 1, Eyal does not teach but Klemets teaches wherein the second object is produced using a byte stream handler selected from a list of byte stream handlers and wherein each byte stream handler in the list has a cost value associated therewith (Klemets, paragraph [0099], discloses costs associated with bit rates and streaming media content.).

Therefore it would have been obvious to one of ordinary skill in the art at the time of invention to combine wherein the second object is produced using a byte stream handler selected from a list of byte stream handlers and wherein each byte stream handler in the list has a cost value associated therewith as taught by Klemets with the method of Eyal in order to determine whether to cache streaming media content on a client device (Klemets, paragraph [0095]).

Regarding claim 16, Eyal teaches a method as recited in claim 1, Eyal does not teach but Klemets teaches wherein the second object is produced using a byte stream handler selected from a list of byte stream handlers and wherein each byte stream handler in the list has a cost value associated therewith, the cost value indicating how many bytes must be read by the byte stream handler in determining if the byte stream handler is appropriate for selecting the second object (Klemets, paragraph [0099], discloses costs associated with bit rates and streaming media content.).

Therefore it would have been obvious to one of ordinary skill in the art at the time of invention to combine wherein the second object is produced using a byte stream handler selected from a list of byte stream handlers and wherein each byte stream handler in the list has a cost value associated therewith, the cost value indicating how many bytes must be read by the byte stream handler in determining if the byte stream handler is appropriate for selecting the second object as taught by Klemets with the method of Eyal in order to determine whether to cache streaming media content on a client device (Klemets, paragraph [0095]).

Regarding claim 24, Eyal teaches a computer-readable medium as recited in claim 17, Eyal does not teach but Klemets teaches wherein the operation of producing a source object includes choosing a byte stream handler from a list of byte stream handlers and using the chosen byte stream handler to produce the source object and wherein the list of byte stream handlers is ordered based on a cost values associated with the byte stream handlers (Klemets, paragraph [0099], discloses costs associated with bit rates and streaming media content.).

Therefore it would have been obvious to one of ordinary skill in the art at the time of invention to combine wherein the operation of producing a source object includes choosing a byte stream handler from a list of byte stream handlers and using the chosen byte stream handler to produce the source object and wherein the list of byte stream handlers is ordered based on a cost values associated with the byte stream

handlers as taught by Klemets with the method of Eyal in order to determine whether to cache streaming media content on a client device (Klemets, paragraph [0095]).

Regarding claim 25, Eyal teaches a computer-readable medium as recited in claim 17, Eyal does not teach but Klemets teaches wherein the operation of producing a source object includes choosing a byte stream handler from a list of byte stream handlers and using the chosen byte stream handler to produce the source object and wherein and each byte stream handler in the list has a cost value associated therewith, the cost value indicating an amount of data that must be read by the byte stream handler in determining if the byte stream handler is appropriate for producing the source object (Klemets, paragraph [0099], discloses costs associated with bit rates and streaming media content.).

Therefore it would have been obvious to one of ordinary skill in the art at the time of invention to combine wherein the operation of producing a source object includes choosing a byte stream handler from a list of byte stream handlers and using the chosen byte stream handler to produce the source object and wherein and each byte stream handler in the list has a cost value associated therewith, the cost value indicating an amount of data that must be read by the byte stream handler in determining if the byte stream handler is appropriate for producing the source object as taught by Klemets with the method of Eyal in order to determine whether to cache streaming media content on a client device (Klemets, paragraph [0095]).

Regarding claim 29, Eyal teaches a computer-readable medium as recited in claim 17, Eyal does not teach but Klemets teaches wherein the operation of producing a source object includes using a look-up process to: select a number of byte stream handlers; and invoke the byte stream handlers one at a time in a predetermined order based on cost values associated with the selected byte stream handlers until a byte stream handler produces a source object (Klemets, paragraph [0099], discloses costs associated with bit rates and streaming media content.).

Therefore it would have been obvious to one of ordinary skill in the art at the time of invention to combine wherein the operation of producing a source object includes using a look-up process to: select a number of byte stream handlers; and invoke the byte stream handlers one at a time in a predetermined order based on cost values associated with the selected byte stream handlers until a byte stream handler produces a source object as taught by Klemets with the method of Eyal in order to determine whether to cache streaming media content on a client device (Klemets, paragraph [0095]).

Regarding claim 40, Eyal teaches a computerized system as recited in claim 35, wherein the byte stream object is produced using a scheme handler that is selected from a list of scheme handlers, the list being selected based on the scheme of the URL (Col. 2, line 5-26, The network server module coupled to the network enabled device selects an address from a plurality of links (see Col. 3, line 50-60) and signals the address to the network enabled device and the media playback component.) Eyal does

not teach but Klemets teaches and ordered based on cost values associated with each of the scheme handlers in the list (Klemets, paragraph [0099], discloses costs associated with bit rates and streaming media content.).

Therefore it would have been obvious to one of ordinary skill in the art at the time of invention to combine ordered based on cost values associated with each of the scheme handlers in the list as taught by Klemets with the method of Eyal in order to determine whether to cache streaming media content on a client device (Klemets, paragraph [0095]).

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. U.S. 2003/0177292 discloses Data format for streaming information. U.S. 2003/0033424 Discloses a digital video processing apparatus with a plurality of rendering processors. U.S. 2002/0199031 discloses a system which includes a hierarchy of object classes that can be instantiated in the client application.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to RYAN J. JAKOVAC whose telephone number is (571)270-5003. The examiner can normally be reached on Monday through Friday, 7:30 am to 5:00 pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Taghi T. Arani can be reached on (571) 272-3787. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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2/2/2008